

The claims defining the invention are as follows:

1. A boat latch for securing a boat or the like having a bow ring to a trailer including,

5 a roller mount assembly having a roller adapted to guide the bow of a boat into position said roller being attached to an upper end of a kicker arm, said kicker arm being pivotally mounted in a housing;

a locking pin assembly movable between a cocked and a free position; whereby as a boat is guided into position against the roller mount

10 assembly a rotation of said kicker arm may be induced by pressure exerted against the roller by a boat to thereby activate the locking pin at a position wherein the locking pin engages the bow ring to thereby secure the boat to the trailer.
- 15 2. A boat latch according to claim 1, wherein the roller mount assembly serves to hold the roller in position and consists of a pair of side arms attached to the roller at ends thereof through an axis of the roller, each of the side arms projecting from a base member, and wherein the kicker arm extends downwardly from the base member.
- 20 3. A boat latch according to ^{claim 1} ~~one of the preceding claims~~ in which the kicker arm consists of a flat plate having a generally central transverse pivot point about which the kicker arm is freely rotatable.
- 25 4. A boat latch according to claim 1, wherein the kicker arm is biased into a disengaged position.
5. A boat latch according to claim 1, wherein the kicker arm is biased into a disengaged position by a compression spring acting against a rear

30 upper side of the kicker arm and wherein force acting on the roller is able to counteract the effect of the compression spring.
- 35 6. A boat latch according to ~~any one of the preceding claims~~ 1, additionally including a pair of parallel, outermost forwardly extending flanges terminating in outwardly directed guide wings serving to avoid damage to a boat as the boat is guided onto the latch.

claim 1

7. A boat latch according to ~~any one of the preceding claims~~, wherein, the locking pin is biased into an engaged position and may be secured in the cocked position against a stop

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8. A boat latch according to claims 8, wherein the locking pin is released from a cocked position as a result of the rotation of the roller and kicker arm.

claim 1

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9. A boat latch according to ~~any one of the preceding claims~~, additionally including a securing clip to lock the locking pin against inadvertent release.

claim 1

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10. A boat latch according to ~~any one of the preceding claims~~ in which the roller mount assembly is pivotally movable with the latch to accommodate variability in boat hull angles.

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